

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041728.D
 Acq On : 22 Dec 2020 09:45
 Operator : SY/MD
 Sample : VU1222WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB28

Quant Time: Dec 23 04:06:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	146231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40254	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	45232	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.57	63	69930	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	183595	55.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	5.08	84	91163	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.71	65	52195	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	183734	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.70	67	59832	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.90	98	152997	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.18	79	24981	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	161572	51.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59890	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	58645	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

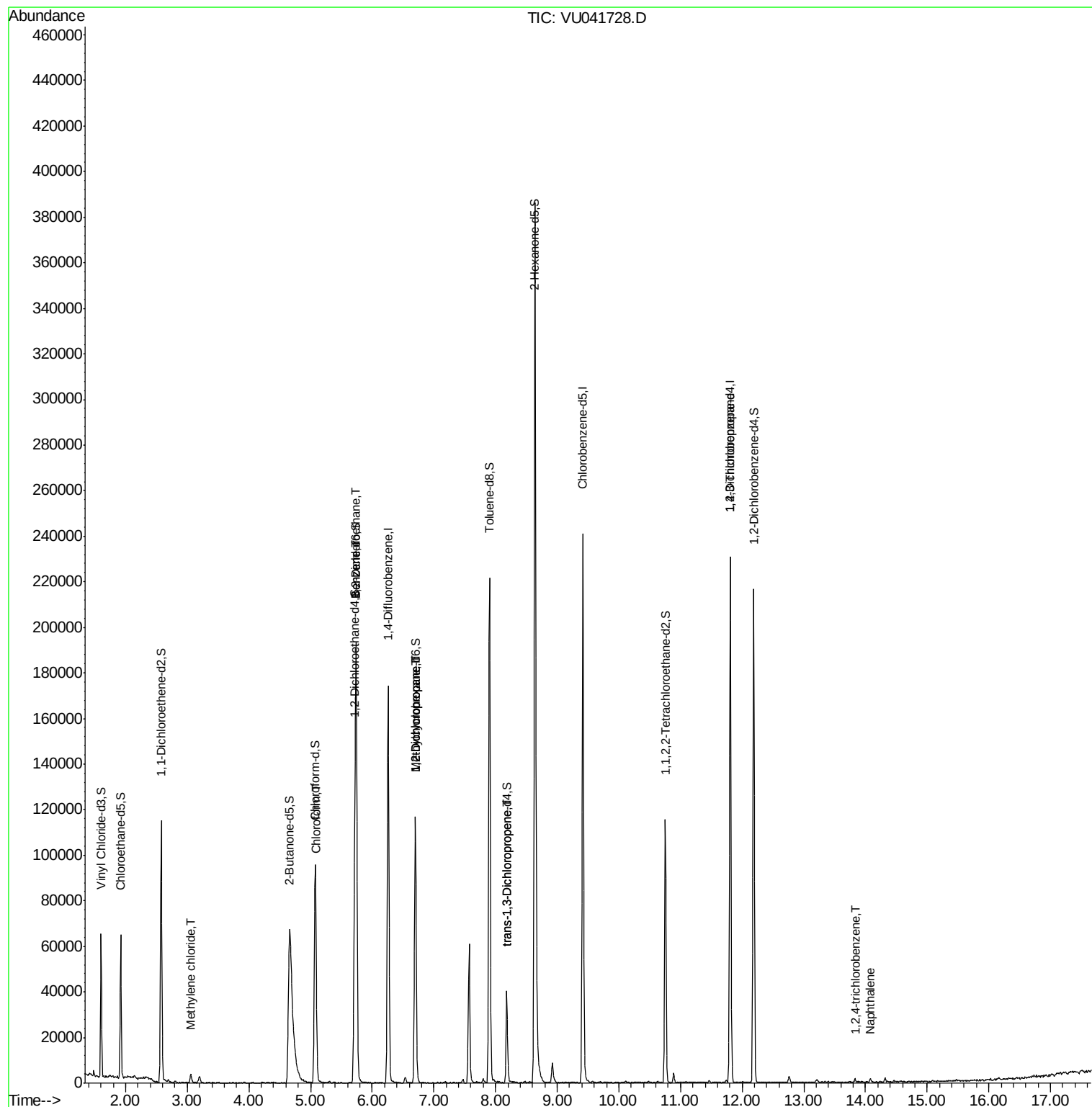
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2040	0.172	ug/L	79
25) Chloroform	5.10	83	997	0.052	ug/L #	59
27) 1,2-Dichloroethane	5.74	62	945	0.072	ug/L #	73
33) Benzene	5.74	78	1574	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	14064	0.766	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	6262	0.542	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	924	0.060	ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	6718	0.774	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	769	0.061	ug/L	93
69) Naphthalene	14.07	128	1713	0.066	ug/L #	78

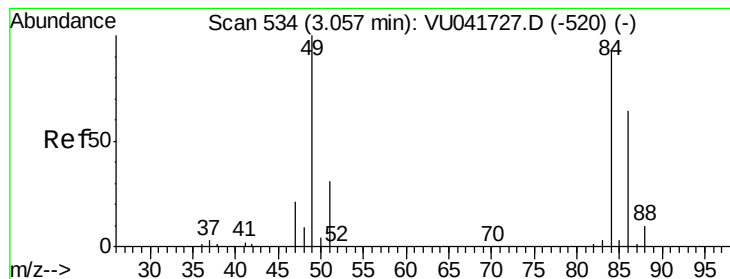
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 23 04:06:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.172 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041728.D

Acq: 22 Dec 2020 09:45

Instrument :

MSVOA_U

ClientSampled :

BFB28

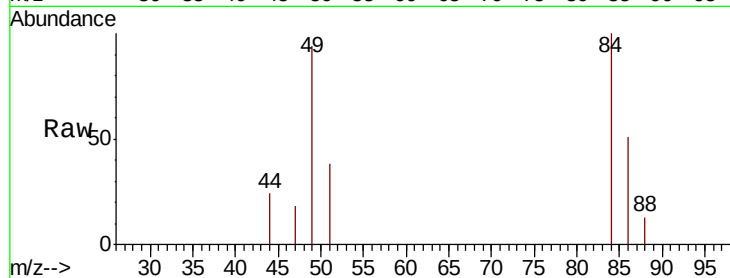
Tot Ion: 84 Resp: 2040

Ion Ratio Lower Upper

84 100

86 51.4 45.1 83.7

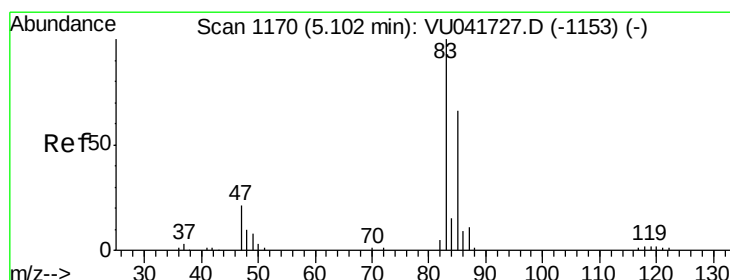
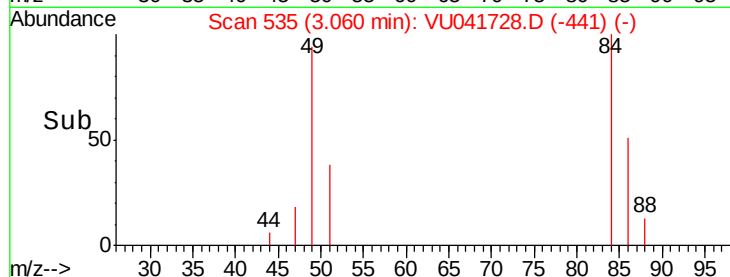
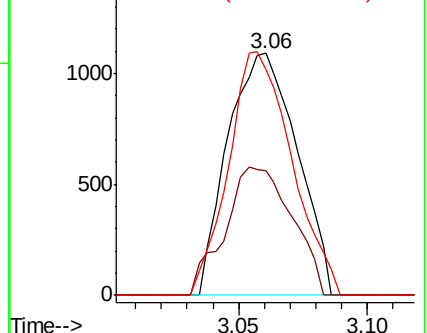
49 93.6 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU041728.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU041728.D (-520) (-)

Ion 49.10 (48.80 to 49.80): VU041728.D (-520) (-)



#25

Chloroform

Concen: 0.052 ug/L

RT: 5.10 min Scan# 1168

Delta R.T. -0.01 min

Lab File: VU041728.D

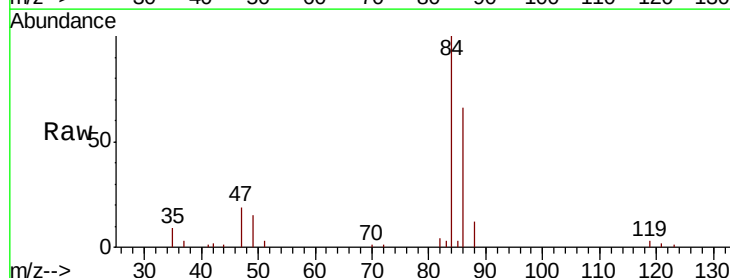
Acq: 22 Dec 2020 09:45

Tgt Ion: 83 Resp: 997

Ion Ratio Lower Upper

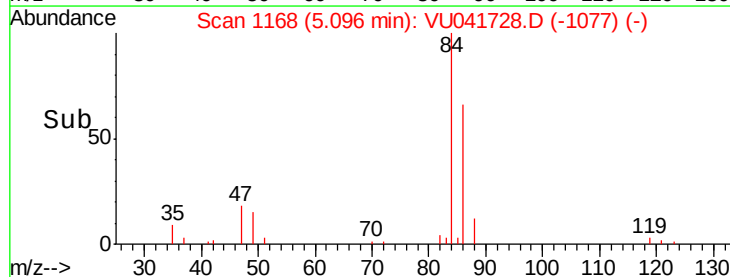
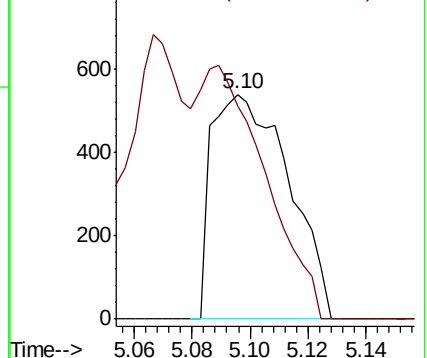
83 100

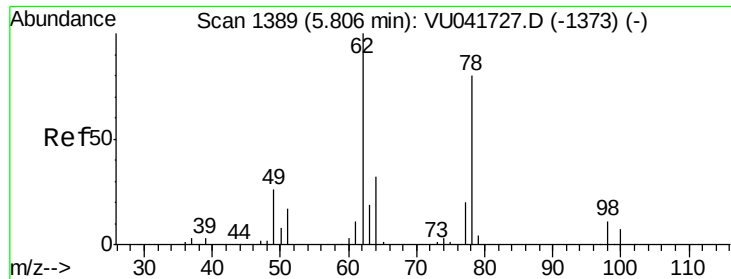
85 94.6 44.2 82.0#



Abundance Ion 83.05 (82.75 to 83.75): VU041728.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU041728.D (-1153) (-)

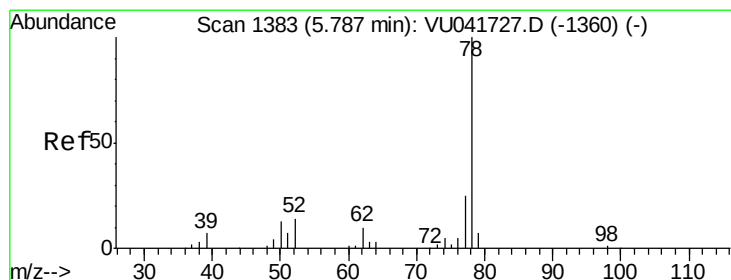
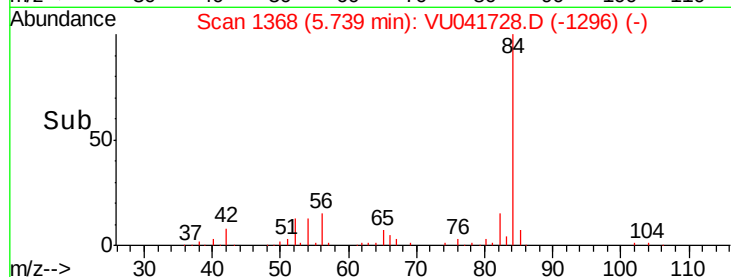
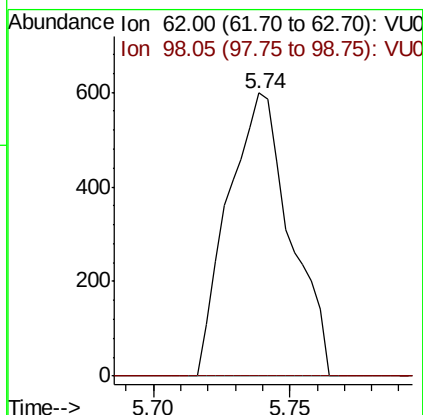
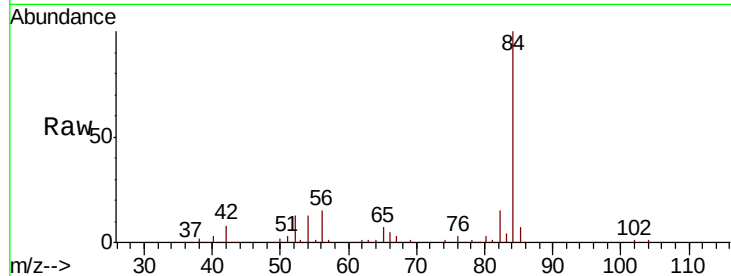




#27
 1,2-Dichloroethane
 Concen: 0.072 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041728.D
 Acq: 22 Dec 2020 09:45

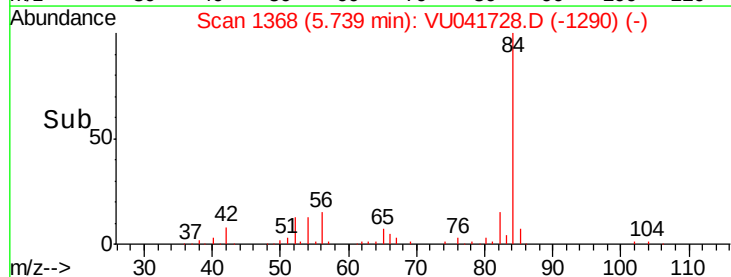
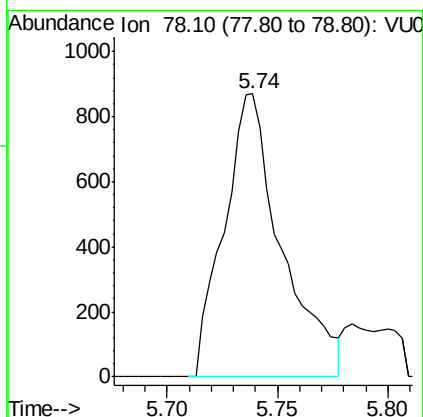
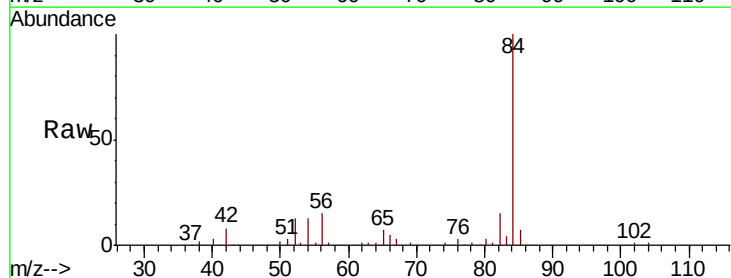
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB28

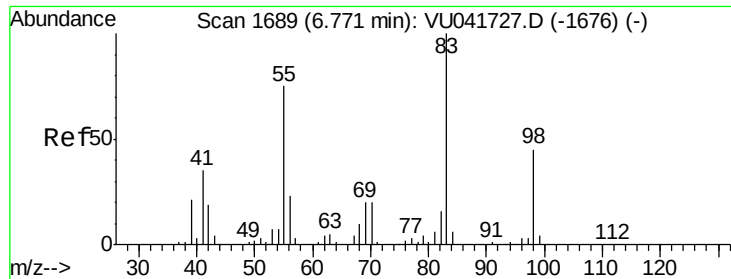
Tot Ion: 62 Resp: 945
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.035 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU041728.D
 Acq: 22 Dec 2020 09:45

Tgt Ion: 78 Resp: 1574

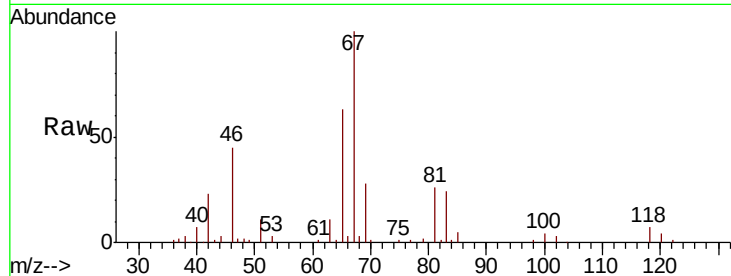




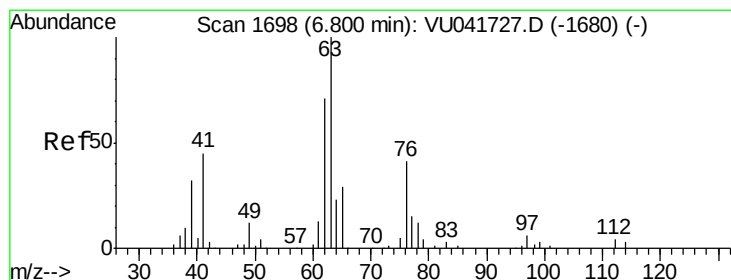
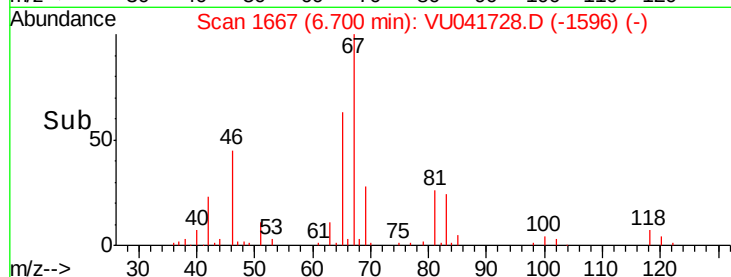
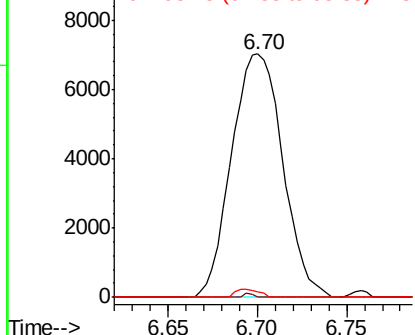
#35
Methylvlcyclohexane
Concen: 0.766 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041728.D
Acq: 22 Dec 2020 09:45

Instrument :
MSVOA_U
ClientSampleId :
BFB28

Tot Ion: 83 Resp: 14064
Ion Ratio Lower Upper
83 100
55 0.3 61.2 91.8#
98 1.6 36.6 54.8#

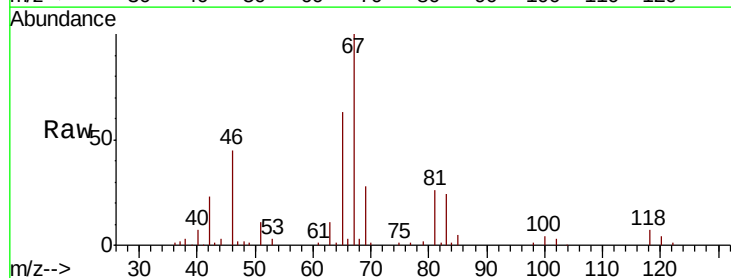


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

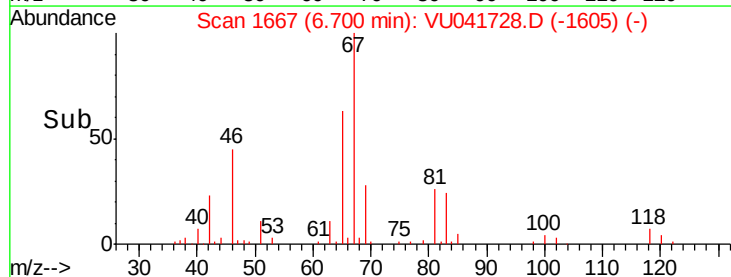
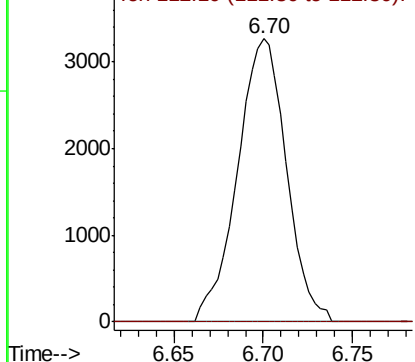


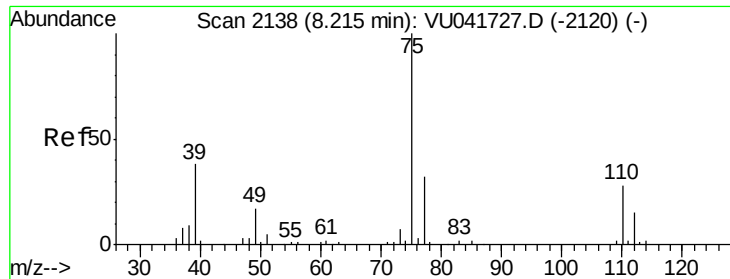
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041728.D
Acq: 22 Dec 2020 09:45

Tgt Ion: 63 Resp: 6262
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041728.D

Acq: 22 Dec 2020 09:45

Instrument :

MSVOA_U

ClientSampleId :

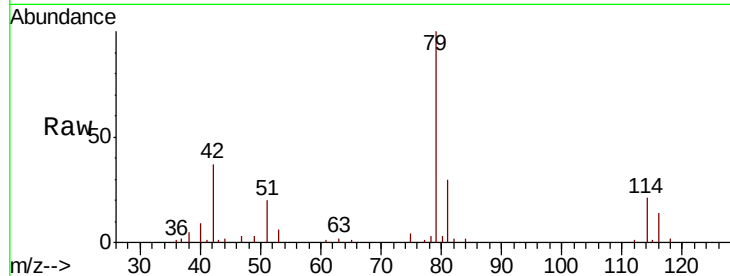
BFB28

Tot Ion: 75 Resp: 924

Ion Ratio Lower Upper

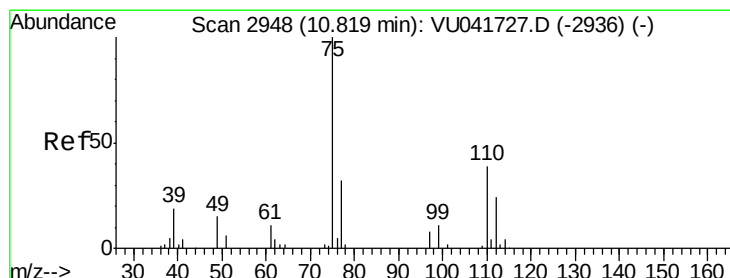
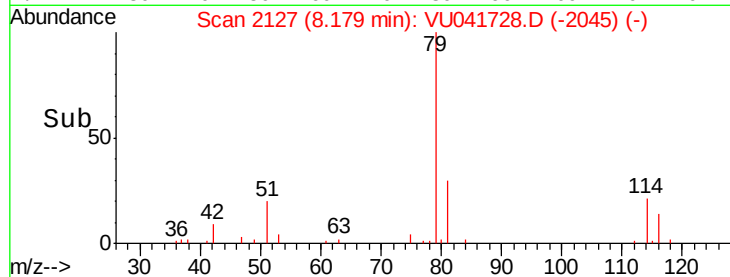
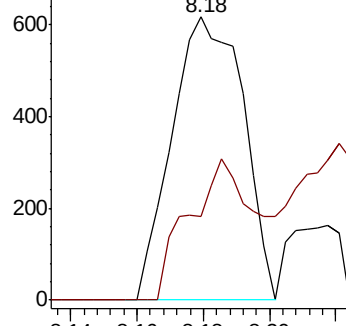
75 100

77 29.7 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.774 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041728.D

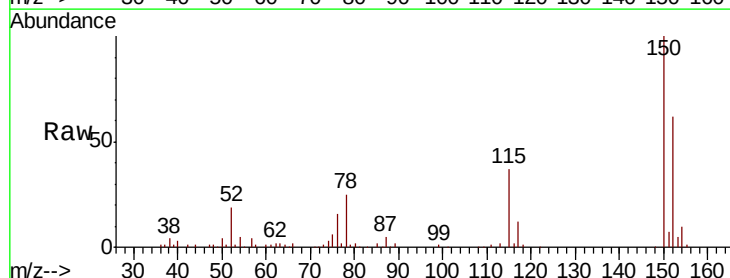
Acq: 22 Dec 2020 09:45

Tgt Ion: 75 Resp: 6718

Ion Ratio Lower Upper

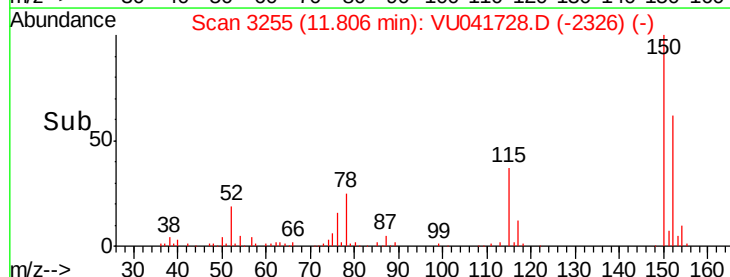
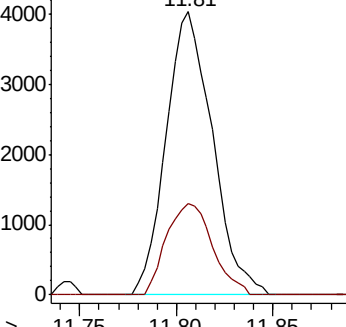
75 100

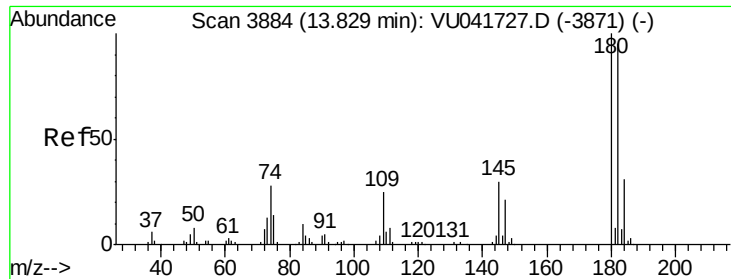
77 32.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

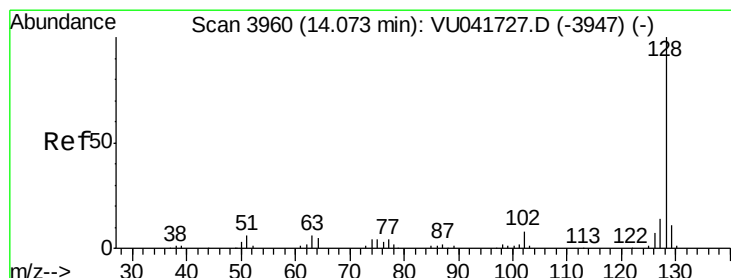
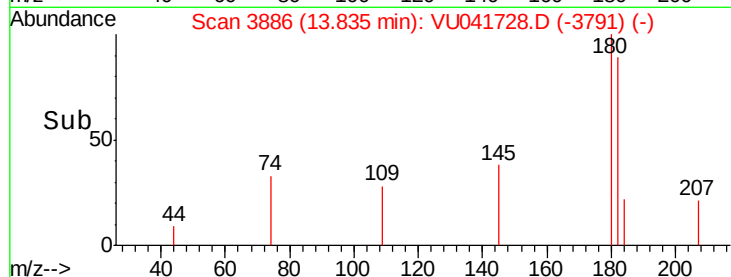
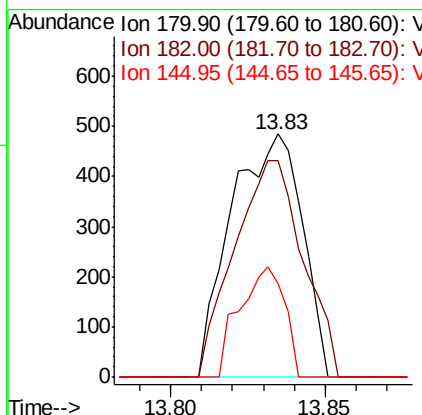
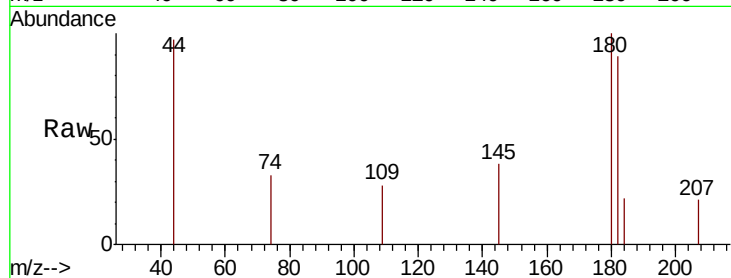




#68
 1,2,4-trichlorobenzene
 Concen: 0.061 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.01 min
 Lab File: VU041728.D
 Acq: 22 Dec 2020 09:45

Instrument :
 MSVOA_U
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 BFB28

Tot Ion:180 Resp: 769
 Ion Ratio Lower Upper
 180 100
 182 86.3 75.4 113.0
 145 28.7 24.5 36.7



#69
 Naphthalene
 Concen: 0.066 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. -0.00 min
 Lab File: VU041728.D
 Acq: 22 Dec 2020 09:45

Tgt Ion:128 Resp: 1713
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 6.7 10.2 15.4#

